

METHOD AND SYSTEM FOR MOUNTING A ROTOR POSITION SENSOR

Abstract of Disclosure

A rotor position sensor mounting system includes a sensor assembly fixedly engaged with a stator assembly. The stator assembly includes a plurality of stator laminations including a plurality of sections separated by a plurality of first gaps. Each first gap is defined by a first pair of edges. The stator assembly also includes first and second stator end caps attached to the stator laminations and including a plurality of sections separated by a plurality of second gaps. Each second gap is defined by a pair of stator end cap section edges. At least one pair of stator end cap section edges includes a first notch and a second notch separated by a bridge. The sensor assembly engages the second notch and is maintained in position with the bridge and the stator laminations.

Figures